课前提问

1 [illegible]

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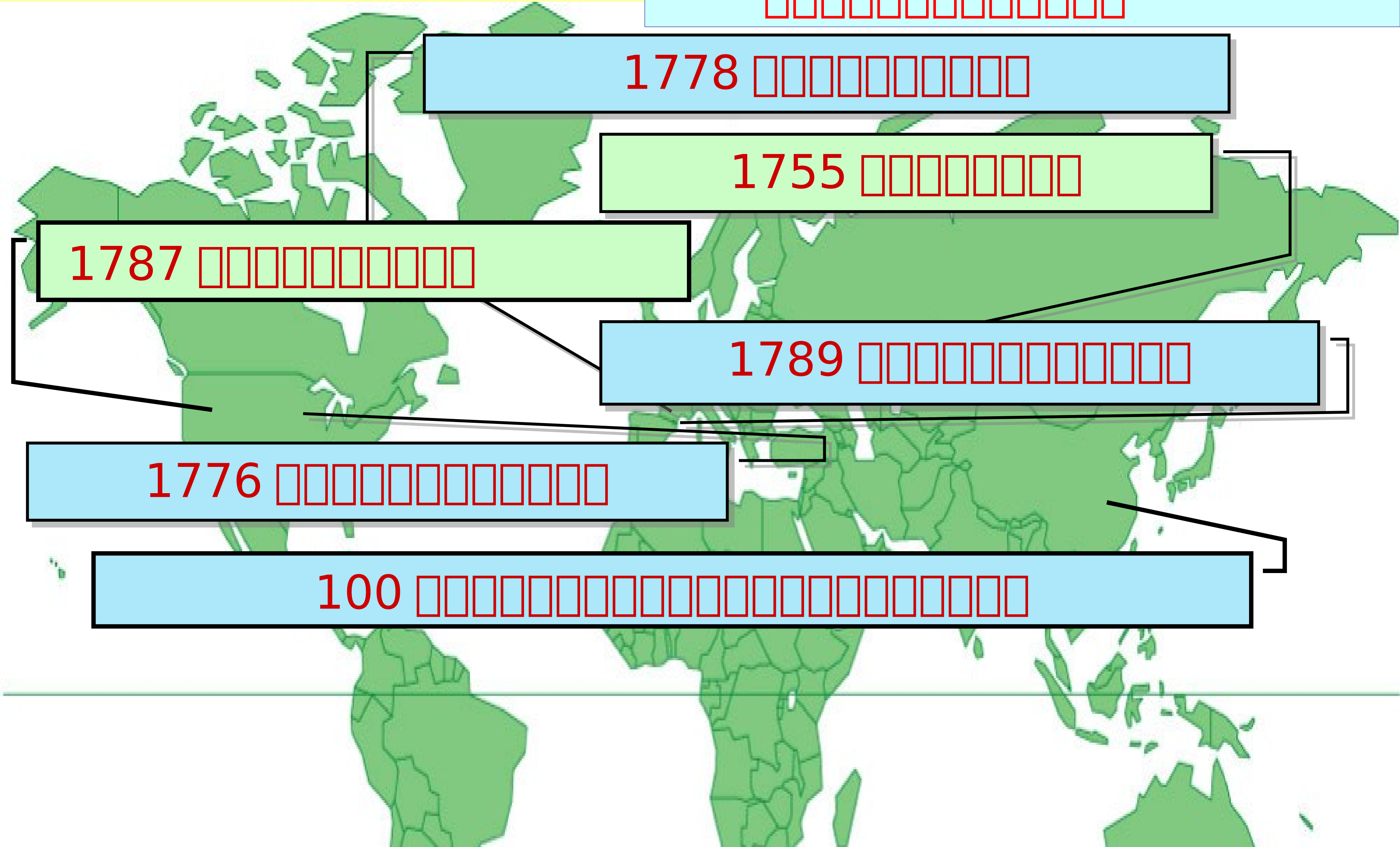
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[illegible]	[illegible]	[illegible]	[illegible]
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第8课　古代中国的发明和发现

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[illegible]	[illegible]	[illegible]	[illegible]
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	[illegible] [illegible]		
	[illegible] [illegible]		
	[illegible] [illegible]		

- [illegible] **13** [illegible] **12** [illegible] **……**
- [illegible]

[illegible]

[illegible]

於貢原之野江之胥聞乎河之姑曰吾以子為木也
駢而不散夜而能煥異乎川者何也河之姑曰代謂
吾之神以至於此吾亦何知焉若不聞乎泛天船為
天江停牽牛織女之相望此吾之所能也道之徵曰
至元至元至元謂曰吾將告若欲知漢之說者儗乎碧之
理有潔白之文寥乎螢之腹有昏曉之經傳之異也
豈有姑之神耶雖天漢之大非川可知矣
爾雅翼涉秋七日鵲首無故皆髡相傳是日河鼓與
織女會於漢東役烏鵲為梁以渡故毛皆脫去

突火槍

蒺藜火球

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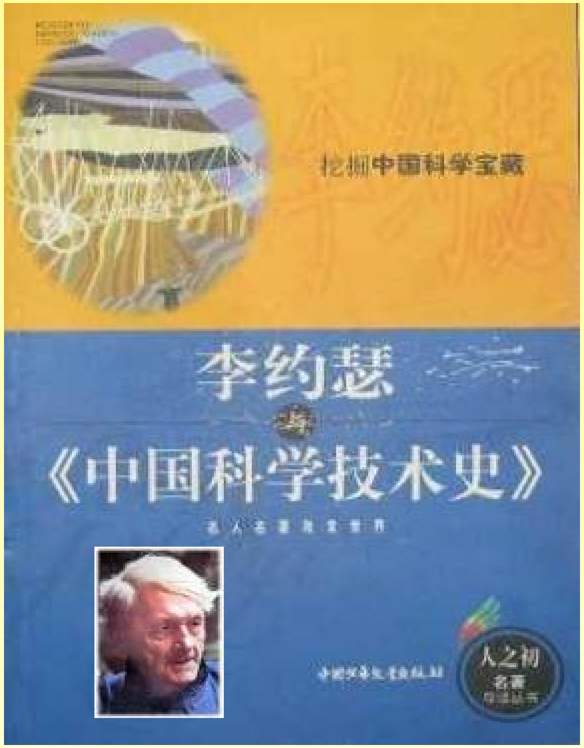
挖掘中国科学宝藏
李约瑟
与
《中国科学技术史》
人之初
名著

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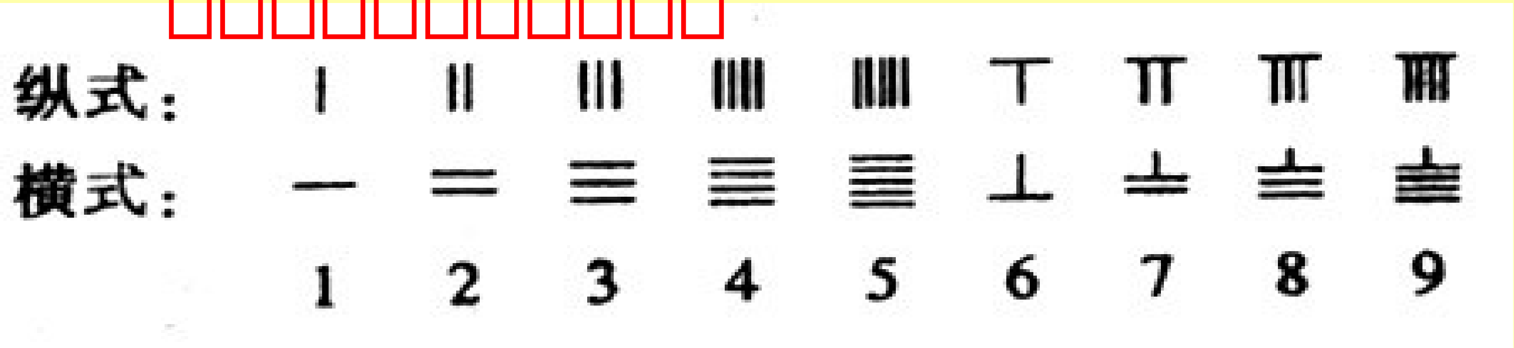

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1 [illegible]

2 [illegible]

3 [illegible] - [illegible] - [illegible]
[illegible] - [illegible] - [illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

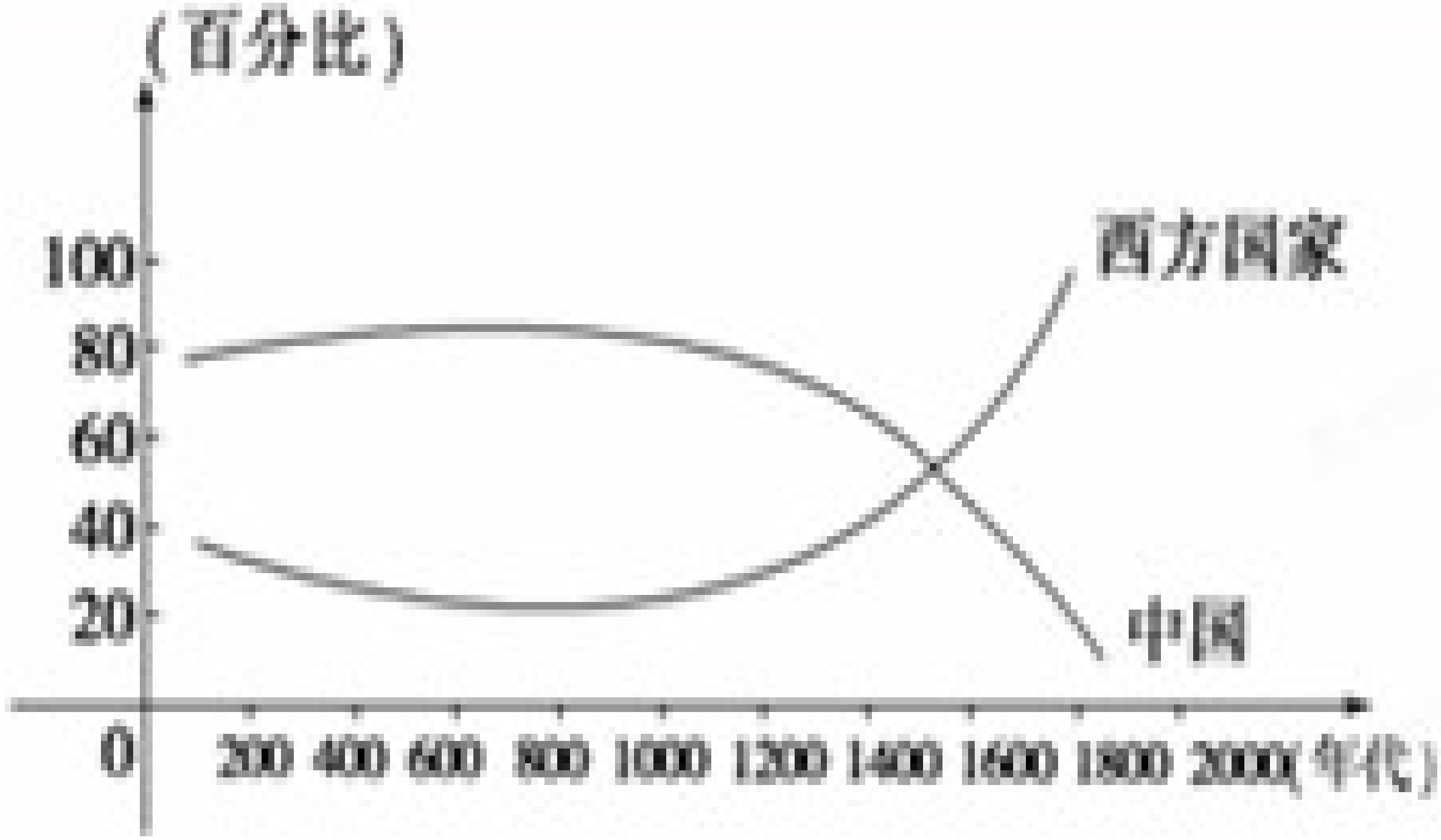
[illegible]

[illegible]
[illegible]

[illegible] 1 [illegible]

年　代	科技发明（件）	中国		世界其他国家	
		件	百分比	件	百分比
公元 1~400 年	45	28	62%	17	38%
公元 401~1000 年	45	32	71%	13	29%
公元 1001~1500 年	67	38	57%	29	43%
公元 1501~1840 年	472	19	4%	453	96%

□□2



中国古代科技发明占世界比重

[illegible] 2014· [illegible] I [illegible]

[illegible] [illegible] (1587- [illegible] 1666)...... [illegible]
[illegible]

[illegible] [illegible] (1643-1727) [illegible]...... [illegible]
[illegible]...... 18 [illegible]
[illegible]

(1) [illegible]
[illegible] 15 [illegible]

(2) [illegible]
(10 [illegible])

[illegible] [illegible]

[illegible] 1 [illegible] — [illegible]

[illegible] 2 [illegible] — [illegible]

[illegible] 3 [illegible] — [illegible]

[illegible] 4 [illegible] — [illegible]

[illegible] 5 [illegible] — [illegible]

[illegible]

[illegible]

[illegible]

“[illegible] (jue) [illegible] ……[illegible]”——[illegible]